

INTEGRATED DEEPWATER SYSTEM (IDS)

Maritime Security Conference

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(Retired)



Homeland
Security

DEEPWATER



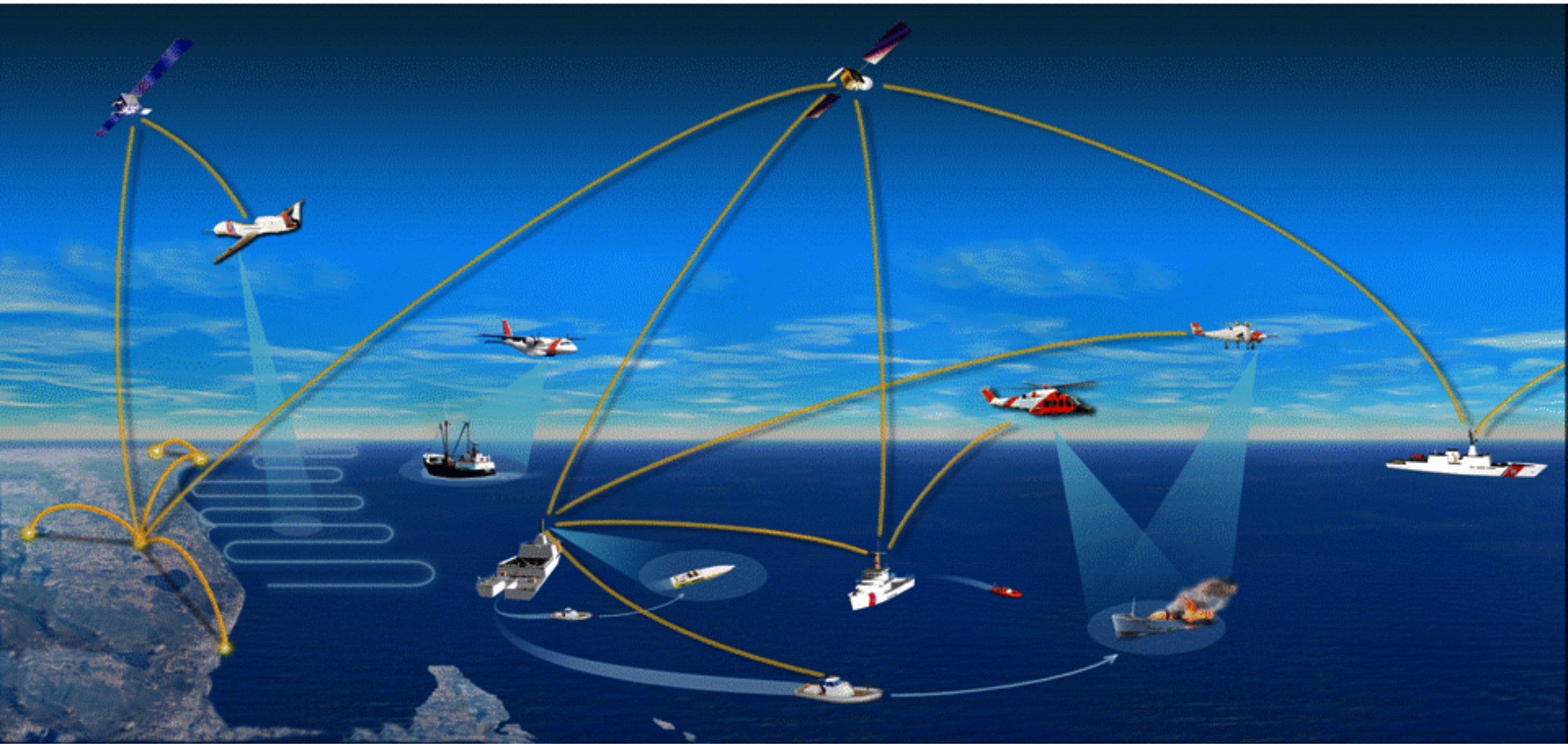
The Mandate for Transformation

- Global War
- on Terrorism

- Maritime
- Homeland
- Security



Integrated Deepwater System



- ***Assets linked together for full interoperability.***
- ***Shoreside fusion centers link with other agencies.***
- ***Improved efficiency of Coast Guard assets by providing near-real-time information and a Common Operating Picture (COP).***

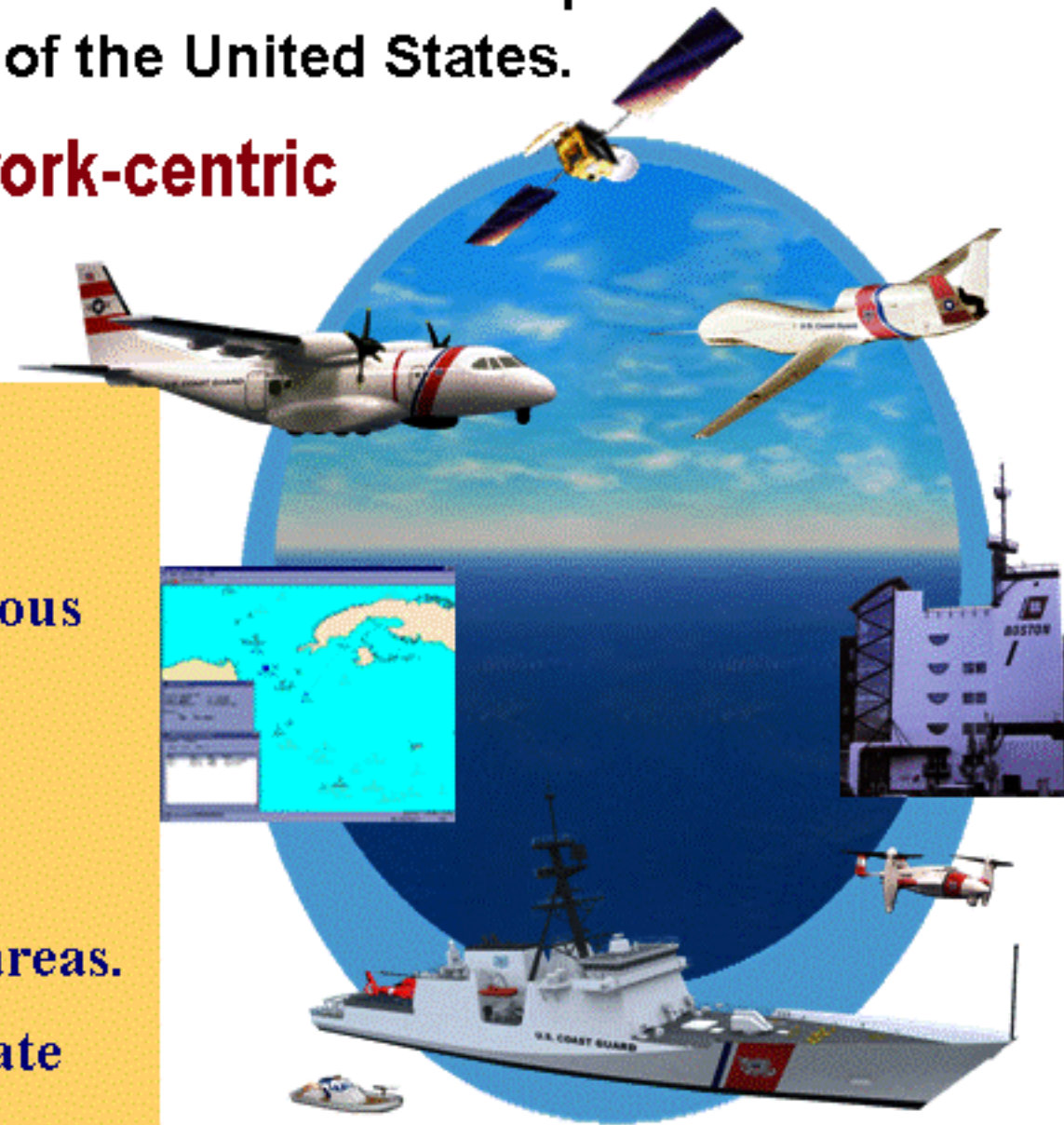
Maritime Domain Awareness

The Deepwater C4ISR Contribution

Maritime Domain Awareness is the **effective understanding** of **anything associated with** the global maritime environment that could impact the **security, safety, economy, or environment** of the United States.

The Deepwater C4ISR system is a network-centric system designed to ensure seamless interoperability

- Shared tracks and real-time data streams.
- On-line intelligence.
- Robust and seamless connectivity and continuous coordination.
- Stand-alone capability.
- Supplemented by active and passive sensors.
- Expanded area of surveillance and detection areas.
- Improved communications with all federal, state and local agencies and merchant shipping.



Operational effectiveness enhanced by common maritime operational picture

In U.S. Port

- Critical Infrastructure Protection Plans
- Advanced Cargo Screening/NI Tech
- Coordination & Intel Centers: TSCC, NTC, NVMC, MIFCs & JHOCs
- CGMTSA Implementation
 - Area Maritime Security Committees
 - Port Security Assessments
 - Vessel/Facility Security Plans
- TWIC/MMD
- NIMS/NRP
- CG Port State Control
- CG MSSTs

Near Port Zone

- Nationwide AIS
- Rescue 21
- Additional CG Stations and Response Boats

Approach Zone

- CBP Automated Targeting System
- 96-hour advance notice of arrival
- CG National Vessel Movement Center

Open Ocean

- Long Range Vessel Tracking
- Joint CG/USN efforts with NORTHCOM
- National assets

Foreign Port

- Container Security Initiative (CSI)
- C-TPAT
- Outer Continental Shelf (OSC)
- CG International Port Security Program
- ISPS Code

Deepwater Capabilities – Primary Zone of Influence

- Intelligence – Information Collection and Sharing/MDA
- Common Operational Picture/MDA
- Cutter Maritime Security Capabilities – better sea keeping, higher speeds, etc.
- Anti-Terrorism/Force Protection
- DHS/DOD C4ISR Interoperability
- Air Transport
- CBRNE Detection and Defense

- Vertical Insertion and Delivery
- Airborne Use of Force

Threat Vector



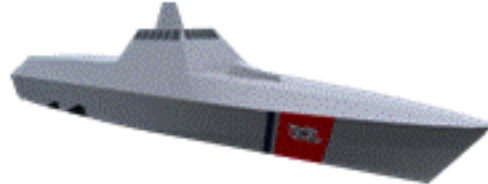









Deepwater...

A Centerpiece in a Layered Defense



Homeland
Security

The Status of IDS Assets

Concept & Technology Development Phase	Capability Development and Demonstration Phase	Production and Deployment Phase
<p data-bbox="122 595 810 633">Vertical Recovery & Surveillance Aircraft</p>  <p data-bbox="122 865 835 904">Maritime Security Cutter, Medium (WMSM)</p>  <p data-bbox="122 1193 631 1232">Maritime Patrol Coastal (WPC)</p>  <p data-bbox="122 1435 522 1474">Long Range Interceptor</p> 	<p data-bbox="912 595 1319 633">Multi-Mission Helicopter</p>  <p data-bbox="912 946 1184 985">VUAV Eagle Eye</p>  	<p data-bbox="1702 595 2102 633">Maritime Patrol Aircraft</p>  <p data-bbox="1681 681 1974 807">Maritime Security Cutter, Large (WMSL)</p>  <p data-bbox="1702 942 1898 1068">Maritime Patrol Boat (WPB)</p>  <p data-bbox="1949 1222 2356 1261">Short Range Prosecutor</p>  

Partnerships: At Home and Aboard



INTEGRATED COAST GUARD SYSTEMS
DEEPWATER

